

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-------------------|---|------------------|---------|------------------|
| S1 | 23501 | 356/3\$7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:51 |
| S4 | 8278 | 250/33\$6.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:51 |
| S5 | 4799 | 250/34\$6.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:51 |
| S6 | 3902 | 356/31\$7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:52 |
| S7 | 3308 | 356/32\$7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:52 |
| S8 | 3785 | 356/33\$7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:52 |
| S9 | 1240 | 356/34\$7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:52 |
| S10 | 10966 | S6 S7 S8 S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:52 |
| S11 | 21974 | S6 S7 S8 S9 S4 S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:53 |
| S12 | 355 | 250/339.07.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:01 |
| S13 | 19 | "656216" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:54 |
| S14 | 2 | "20040119017" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 13:54 |

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|-----|-------|------------------------------------|---|----|----|------------------|
| S15 | 1619 | S11 and monochromator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:02 |
| S16 | 31 | S15 and 250/339.12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:03 |
| S17 | 34 | S15 and 250/339.12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:03 |
| S18 | 52 | S16 S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:41 |
| S19 | 1053 | 356/328.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:42 |
| S20 | 1012 | 356/51.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:42 |
| S21 | 22515 | S19 S20 S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:42 |
| S22 | 133 | S21 and cassegrain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:47 |
| S23 | 21 | S21 and cassegrain near2 objective | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:43 |
| S24 | 110 | S22 and (ir infrared) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:49 |
| S25 | 20 | "580406" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 15:50 |
| S26 | 1 | "09/580406" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:43 |
| S27 | 336 | 250/339.02 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:43 |

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| S28 | 183 | 250/339.02.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:44 |
| S29 | 398 | S27 S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:44 |
| S30 | 152 | 250/339.06.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:44 |
| S31 | 355 | 250/339.07.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:44 |
| S32 | 1326 | 250/343.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:45 |
| S33 | 72 | S32 and monochromator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:52 |
| S34 | 1901 | S28 S30 S31 S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:52 |
| S35 | 60 | S34 and (fpa focal adj plane adj array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:52 |
| S36 | 154 | S34 and (fpa focal adj plane adj array camera) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:54 |
| S37 | 13 | "708927" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 16:54 |
| S38 | 12 | "984137" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:10 |
| S39 | 507 | S34 and dispers\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:10 |
| S40 | 79 | S34 and dispers\$5 and monochromator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:13 |

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| S41 | 136 | S34 and monochromator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:11 |
| S42 | 101 | S34 and monochromator and transmit\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:11 |
| S43 | 287 | 250/338.5.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:18 |
| S44 | 105 | S34 and sample same stage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:19 |
| S45 | 53 | S34 and sample same stage and (monochrommmator grating dispers\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 17:20 |
| S46 | 35 | (US-20020164810-\$ or US-20020175286-\$ or US-20030057374-\$ or US-20030071216-\$ or US-20040119017-\$ or US-20040195511-\$).did. or (US-3562529-\$ or US-4655225-\$ or US-4678332-\$ or US-4712912-\$ or US-4751571-\$ or US-4775234-\$ or US-4795253-\$ or US-5038039-\$ or US-5099123-\$ or US-5138484-\$ or US-5229611-\$ or US-5278413-\$ or US-5418366-\$ or US-5510619-\$ or US-5534700-\$ or US-5729018-\$ or US-5751418-\$ or US-5796512-\$ or US-5828450-\$ or US-5841139-\$ or US-5920069-\$ or US-5943122-\$ or US-5991022-\$ or US-6104488-\$ or US-6188476-\$ or US-6784428-\$).did. or (US-6791086-\$).did. or (US-3279308-\$ or US-3436159-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/05 09:50 |
| S47 | 466 | 250/339.12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:56 |
| S50 | 95 | S47 and transmittance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:52 |
| S52 | 75442 | S47 and transmittanceand sample same stage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:52 |
| S53 | 0 | S47 and transmittanceand and sample same stage | US-PGPUB; USPAT; USOCR; ERO; JPO; DERWENT | OR | ON | 2005/10/05 09:52 |
| S54 | 11 | S47 and transmittance and sample same stage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:53 |

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| S55 | 9 | S47 and sample near3 stage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:53 |
| S56 | 9 | S47 and sample near3 stage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:53 |
| S57 | 1326 | 250/343.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 09:56 |
| S58 | 151 | 250/343.ccls. and stage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:04 |
| S59 | 153 | 250/339.01.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:05 |
| S60 | 183 | 250/339.02.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:05 |
| S61 | 152 | 250/339.06.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:05 |
| S62 | 355 | 250/339.07.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:06 |
| S63 | 466 | 250/339.12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:06 |
| S64 | 1326 | 250/343.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:06 |
| S65 | 1053 | 356/328.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:08 |
| S66 | 167 | 356/331.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:08 |
| S67 | 501 | 356/334.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:08 |

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| S68 | 1012 | 356/51.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:08 |
| S69 | 4585 | S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:18 |
| S70 | 23 | S69 and monochromater | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:20 |
| S71 | 635 | S69 and monochromator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:20 |
| S72 | 704 | S69 and (fpa focal adj plane (detector sensor) adj array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:21 |
| S73 | 36 | S69 and cassegrain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:21 |
| S74 | 142 | S71 and S72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:22 |
| S75 | 6 | S74 and S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:23 |
| S76 | 217356 | (spectrosco\$5 spectromet\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:24 |
| S77 | 3042685 | chemical | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:25 |
| S78 | 137494 | S76 and S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:25 |
| S79 | 2168 | (S76 and S77).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:25 |
| S80 | 0 | infrared and monochromator and sampe near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:28 |

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| S81 | 71 | infrared and monochromator and sample near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:29 |
| S82 | 44 | infrared and monochromator and sample near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) and collimat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:29 |
| S83 | 42 | infrared and monochromator and sample near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) and collimat\$5 and focus\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:29 |
| S84 | 3 | infrared and monochromator and sample near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) and collimat\$5 and focus\$4 and cassegrain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:29 |
| S85 | 3 | (infrared and monochromator and sample near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) and collimat\$5 and focus\$4 and cassegrain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:54 |
| S86 | 1 | (infrared and monochromator and sample near4 stage and (fpa or camera or (detector or sensor) adj array or focal adj plane) and collimat\$5 and focus\$4 and cassegrain).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:55 |
| S87 | 4733 | "197426" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/05 13:56 |